



Features:

- Frequency 2400-2500MHz
- Gain 2.0 dBi
- Return Loss -10dB
- Length 108mm Straight position
- Connector:
 - RP SMA Male as default
 - SMA Male available by request

Applications:

- 2.4GHz ISM band radios
- Bluetooth, BLE, Zigbee
- WLAN, WiFi 802.11x for 2.4GHz
- Indoor use

All dimensions are in mm / inches

Issue: 2047

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

CONFIDENTIAL AND PROPRIETARY INFORMATION

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden.

For more information:

Pulse Worldwide Headquarters
15255 Innovation Drive #100
San Diego, CA 92128
USA
Tel: 1-858-674-8100

Pulse/Larsen Antennas
18110 SE 34th St Bldg 2 Suite 250
Vancouver, WA 98683
USA
Tel: 1-360-944-7551

Europe Headquarters
Pulse GmbH & Do, KG
Zeppelinstrasse 15
Herrenberg, Germany
Tel: 49 7032 7806 0

Pulse (Suzhou) Wireless Products Co, Inc.
99 Huo Ju Road(#29 Bldg, 4th Phase
Suzhou New District
Jiangsu Province, Suzhou 215009 PR China
Tel: 86 512 6807 9998



Description: 2.4-2.5GHz Dipole swivel stick antenna**PART NUMBER:** W1027**Series:** Stick Antenna**ELECTRICAL SPECIFICATIONS**

Antenna Type	1/2 λ Swivel Type Dipole Antenna
Frequency	2400-2500MHz
Nominal Impedance	50 Ω
Return Loss	-10dB
Radiation Pattern	Omni
Gain	2.0dBi
Efficiency	80%
Polarization	Vertical

MECHANICAL SPECIFICATIONS

Overall Length	136.8 mm
Weight	13 g
Antenna Color / Material	Black, TPE
Connector type	RP-SMA Male

ENVIRONMENTAL SPECIFICATIONS

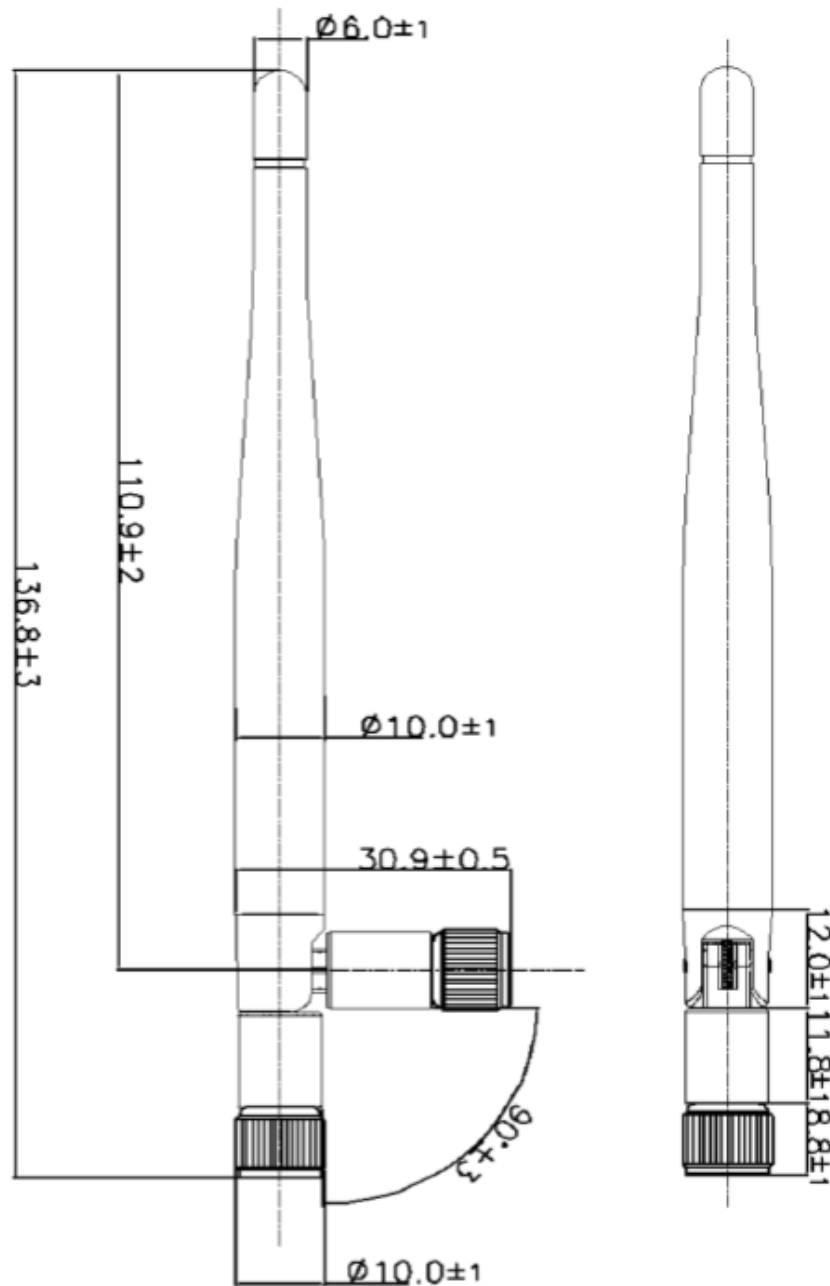
Operating Temperature	-40 ~ +85 ° C
Storage Temperature	-40 ~ +85 ° C
Ingress Protection	IP42
RoHS Compliant	Yes

Description: 2.4-2.5GHz Dipole swivel stick antenna

PART NUMBER: W1027

Series: Stick Antenna

MECHANICAL DRAWING

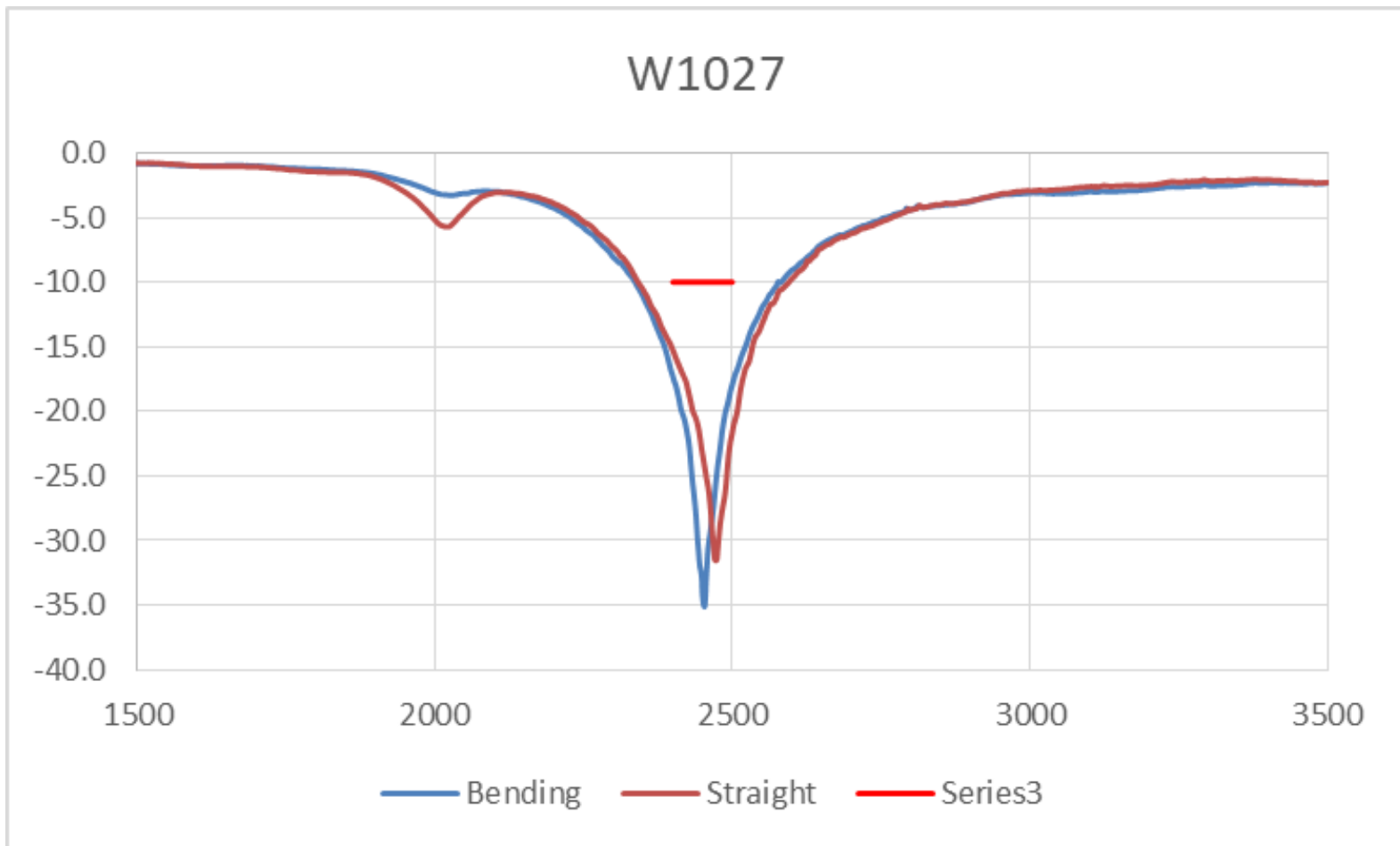


Issue: 2047

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

CONFIDENTIAL AND PROPRIETARY INFORMATION

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden.

Description: 2.4-2.5GHz Dipole swivel stick antenna**PART NUMBER:** W1027**Series:** Stick Antenna**CHARTS****Return Loss**

Issue: 2047

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

CONFIDENTIAL AND PROPRIETARY INFORMATION

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden.

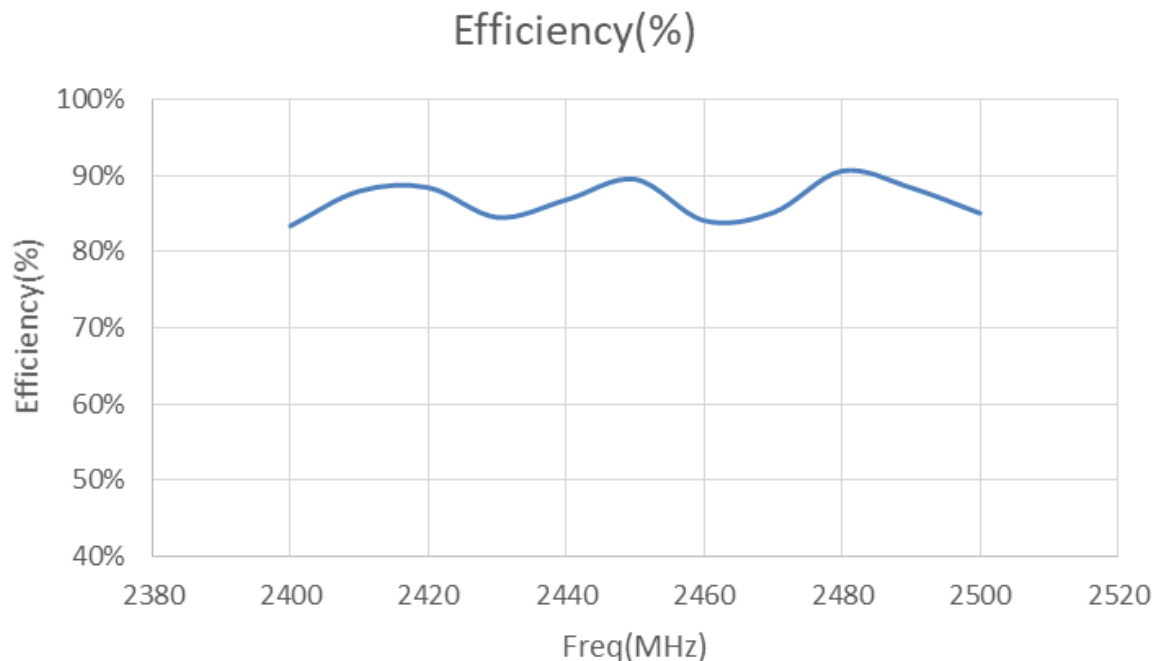
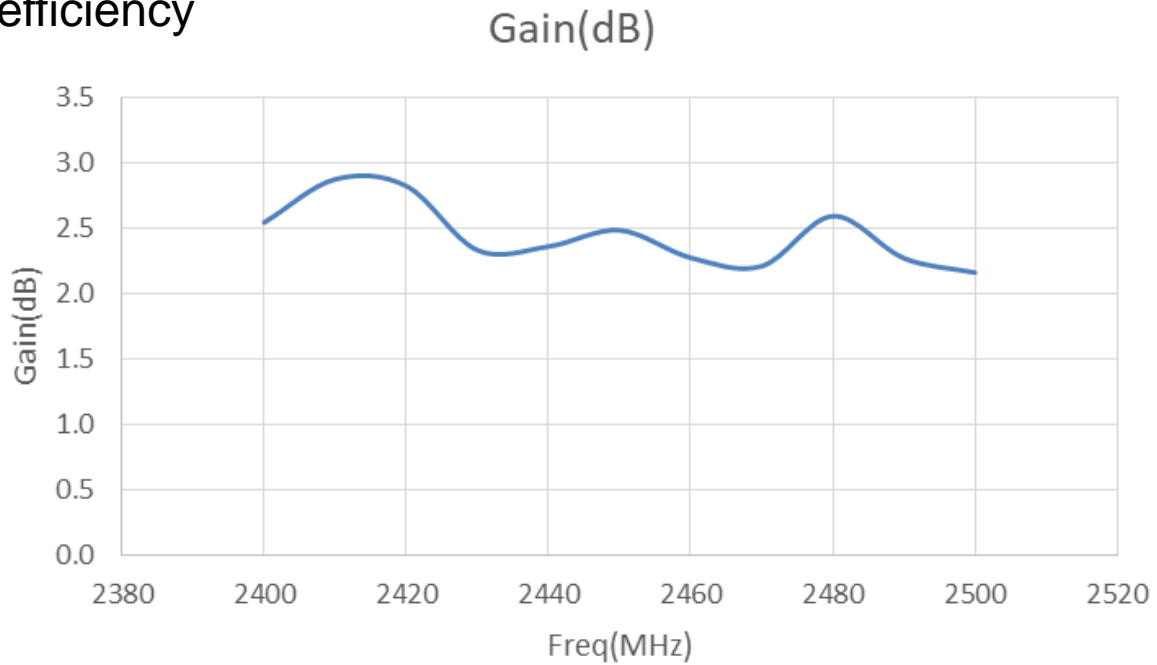
Description: 2.4-2.5GHz Dipole swivel stick antenna

PART NUMBER: W1027

Series: Stick Antenna

CHARTS

Gain and efficiency



Issue: 2047

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

CONFIDENTIAL AND PROPRIETARY INFORMATION

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden.

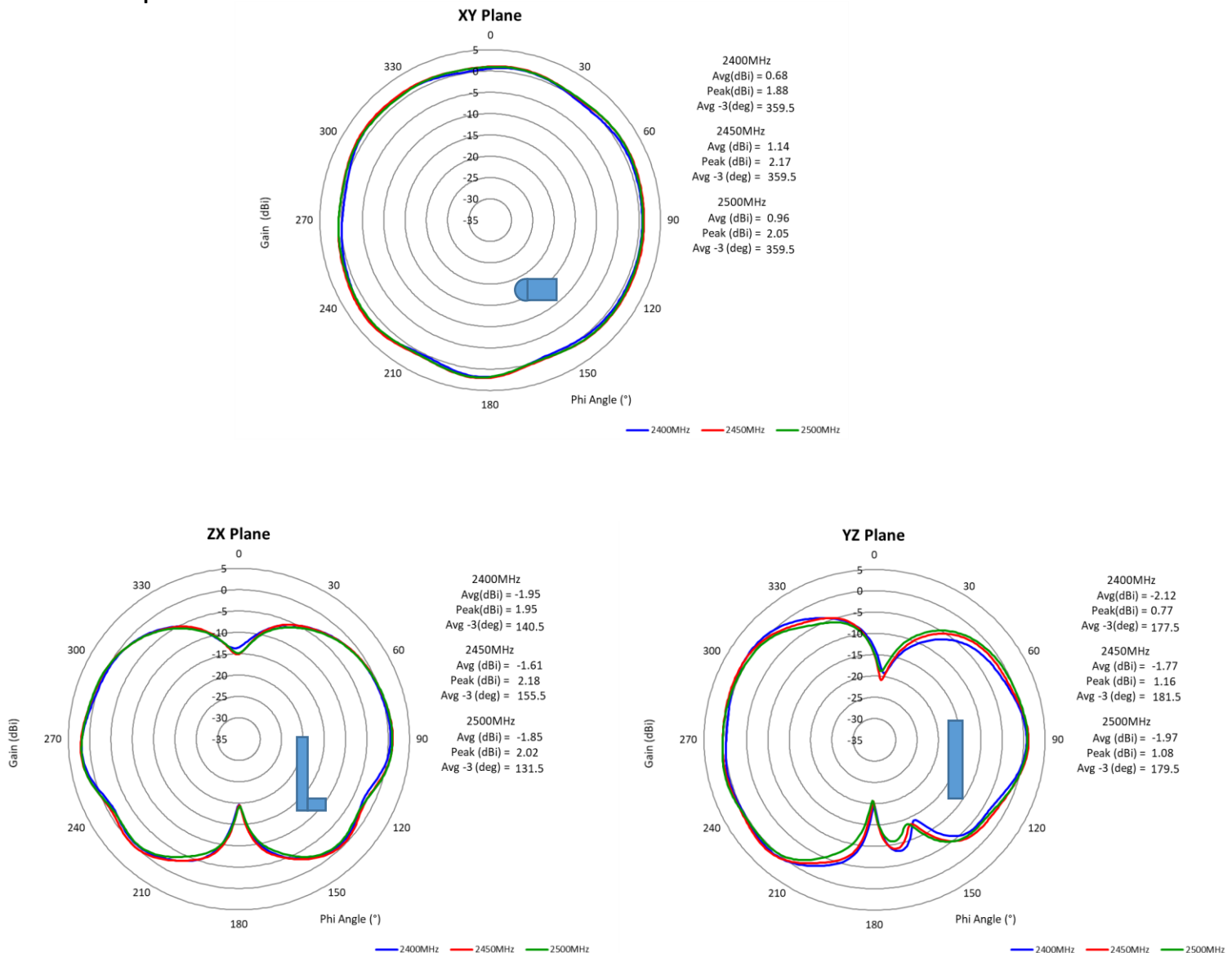
Description: 2.4-2.5GHz Dipole swivel stick antenna

PART NUMBER: W1027

Series: Stick Antenna

CHARTS

Radiation pattern



Issue: 2047

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

CONFIDENTIAL AND PROPRIETARY INFORMATION

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden.

Description: 2.4-2.5GHz Dipole swivel
stick antenna

PART NUMBER: W1027

PACKAGING

Pack 20pcs antenna in one PE bag,
30pcs PE bag (600pcs Antenna) in one carton.
1 label on each plastic with part number, description, date code.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:

W1027